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WANDERSONG (RUBIACEAE), A NEW GENUS FROM THE GREATER ANTILLES

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ABSTRACT

A revision of Chione DC. (Rubiaceae) has excluded two species, _C. exserta_ (DC.) Urb. and _C. seminervis_ Urb. & Ekman, from the genus on the basis of morphology. The designation _Colleteria_ D.W. Taylor was proposed to house these species, but it was invalidly published. The new genus _Wandersong_ D.W. Taylor is here erected to accommodate these two species. The new combinations _Wandersong exserta_ (DC.) D.W. Taylor and _Wandersong seminervis_ (Urb. & Ekman) D.W. Taylor are here effected under this new generic name. The new genus name _Wandersong_ D.W. Taylor honors two Andersons, Dr. Gregory J. Anderson and Dr. William R. Anderson, for their outstanding and influential achievements in the field of botany. The name _Wandersong_ is constructed with the surname Anderson shared between the first initials of these two botanists.


During a taxonomic revision of the genus _Chione_ DC. (Rubiaceae), two species, _C. exserta_ (DC.) Urb. and _C. seminervis_ Urb. & Ekman, were found to be morphologically outside the circumscription of the genus, and were not referable to any existing genus (Taylor 2003a). The designation _Colleteria_ D.W. Taylor was proposed to house these two species (Taylor 2003b), but inadvertently used a morphological term, which is not permitted (Article 20.2 of the International Code of Nomenclature for algae, fungi, and plants (Melbourne Code); International Association for Plant Taxonomy website; http://www.iapt-taxon.org/nomen/main.php?page=art20; website accessed June 4, 2014). The term “colleteria” is the plural of “colleterium,” a technical entomological term for “an accessory glandular structure of oviduct which manufactures and secretes viscid material used to cement eggs together” (Gordh & Headrick 2011). Thus, the designation _Colleteria_ was not validly published under Art. 32.1. A new genus name, _Wandersong_ D.W. Taylor, is here published to accommodate _Chione exserta_ and _Chione seminervis_. The new combinations _Wandersong exserta_ (DC.) D.W. Taylor and _Wandersong seminervis_ (Urb. & Ekman) D.W. Taylor are here effected under this new generic name.

The new genus name _Wandersong_ D.W. Taylor honors two Andersons, Dr. Gregory J. Anderson and Dr. William R. Anderson, for their outstanding and influential achievements in the field of botany. The name _Wandersong_ is constructed with the surname Anderson shared between the first initials of these two botanists. The author wishes to honor these two botanists specifically because of their extraordinary mentorship, first in their roles as his undergraduate and Ph.D. advisors, respectively, at the University of Connecticut and the University
of Michigan, and then later as professional colleagues. Both of these Andersons, through their great dedication, generosity, and insight, have been instrumental in shaping the author’s career as a botanist.

The three nomenclatural changes proposed here are therefore:


A full description and diagnosis of this new genus is found under the designation *Colleteria* D.W. Taylor (2003b:203).

The genus *Wandersong* D.W. Taylor can be diagnosed by a combination of characters, some of which are: colleters present consistently on adaxial face of stipules and often on adaxial face of calyx, corolla lobes imbricate in bud, anthers inserted at or below middle of corolla tube, fruit with two pyrenes, the pyrenes adaxially concave, abaxially convex and ridged, with marginal germination slits extending from apex to middle, each pyrene with one locule, ovules solitary and pendulous in locules. *Chione* is distinguished from *Wandersong* by many vegetative and reproductive features (see Taylor 2003a and 2003b), including the absence of colleters and each fruit having a single, sclerenchymatized pyrene enclosing two locules. The fruit type of *Wandersong*, including pyrene architecture, is similar to that reported for some members of the Psychotrieae (Taylor 1989, 1996; Andersson 2002), but *Wandersong* is distinct in having apical placentation.


Taylor (2003b) has written a detailed description of this species, under the designation *Colleteria exserta* (DC.) D.W. Taylor.


Taylor (2003b) has written a detailed description of this species, under the designation *Colleteria seminervis* (Urb. & Ekman) D.W. Taylor.

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REFERENCES


